

## EPA Official Record

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**Notes ID:** 2B32ABAB7A38EBFA85257869005580FB

**From:** Karl Gustavson/DC/USEPA/US

**To:** Dave Dickerson/R1/USEPA/US@EPA

**Delivered Date:** 07/11/2008 11:14 AM EDT

**Subject:** Re: NBH bathymetry Conf. Call

Hi Dave,

I'm hopefully talking with the modelers in a bit, but my understanding is that they want the bathy through time to correspond with the PCB concentrations (and things like flows, TSS, etc) through time so that the model has a picture of past and can better predict the future. I'll discuss with them, but I'm pretty sure they want whatever they can get their hands on. The detailed pre-dredging and localized post-dredging data would probably be just what they need. They'll then seek out the middle and outer harbor bathy. Would it be OK to then discuss bathy with Jacobs? Be great if you wanted to be on the phone. We'll try to be quick!

For the site visit, what's your availability on the following week? Oh the joys of scheduling....

TGIF!

Karl

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Karl Gustavson, Ph.D.  
Contaminated Sediment Liaison to US EPA  
US Army Engineer Research and Development Center  
Phone: 703-603-8753  
Fax: 703-603-9112

▼ Dave Dickerson/R1/USEPA/US

<b>Dave Dickerson/R1/USEPA/US</b> 07/10/2008 03:03 PM		
	To	"Leitch, Robert A NAE" <Robert.A.Leitch@usace.army.mil>
	cc	Karl Gustavson/DC/USEPA/US@EPA, "Mitkevicius, K C NAE" <K.C.Mitkevicius@usace.army.mil>
	Subject	Re: NBH bathymetry Conf. Call

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one word of caution; the bathy data for the upper harbor will be current bathy. I would suspect that for long-term food chain modeling we would want post-dredging conditions (ie with ALL Superfund dredging complete)....

▼ "Leitch, Robert A NAE" <Robert.A.Leitch@usace.army.mil>

<b>"Leitch, Robert A NAE"</b> <b>&lt;Robert.A.Leitch@usace.army.mil&gt;</b> 07/10/2008 12:08 PM		
	To	Dave Dickerson/R1/USEPA/US@EPA, Karl Gustavson/DC/USEPA/US@EPA
	cc	"Mitkevicius, K C NAE" <K.C.Mitkevicius@usace.army.mil>
	Subject	NBH bathymetry Conf. Call

Dave, Karl:

I spoke to each of you separately about a conference call w/all to discuss the 2 ERDC efforts (CAD Cell Modeling and Hydrodynamic, Fate/Transport Modeling).

With the many schedules, it looks like today and tomorrow aren't going to work for the call.

As there is no pressing need for the call, perhaps it makes most sense for Karl to get the bathy info from Caroline Roberts at Jacobs, then talk to Maureen Murray (USACE Survey group) @ 978-318-8526 tomorrow and then re-evaluate the data needs of his team. This would give a clearer picture, I believe.

Certainly Paul Schroeder and Carlos Ruiz of ERDC can also be consulted by Karl's team for specific info.

In summary and to save man-hours, lets talk next week.

Tx

Bob

-----Original Message-----

From: Roberts, Caroline [mailto:Caroline.Roberts@Jacobs.com]  
Sent: Thursday, July 10, 2008 11:35 AM  
To: Fox, Steve (New Bedford); dickerson.dave@epamail.epa.gov;  
Gustavson.Karl@epamail.epa.gov  
Cc: Mitkevicius, K C NAE; Gouveia, Mark; L'Heureux, Paul G NAE; Leitch,  
Robert A NAE  
Subject: RE: NBH bathymetry... - Fox response - 2

Hi Karl,

I apologize for the slow (west coast) response.

I do have NBH bathy data for the upper harbor. The original data set is a complete survey of the entire upper harbor from 1999 (prior to any dredging activities). I also have post-dredge surveys from every year Jacobs has dredged. These datasets are for the localized dredging areas only and span from 2004 through 2007. For the Pierce Mill Cove area, I also have the most recent 2008 pre-dredge survey.

I'm not sure if you're interested in each individual survey or if you'd like one seamless view merging all the datasets into one for the most realistic view of current bottom conditions? I can provide either in just about any format imaginable.

I will call you shortly so we can discuss the areas and the appropriate file type for your needs.

Thanks,  
C-

Caroline Roberts, GISP  
JE Jacobs  
7471 NE Bergman Road  
Bainbridge Island, WA 98110  
Phone: (206) 201-3122  
caroline.roberts@jacobs.com

-----Original Message-----

From: Fox, Steve (New Bedford)  
Sent: Thursday, July 10, 2008 7:05 AM  
To: 'dickerson.dave@epamail.epa.gov'; Gustavson.Karl@epamail.epa.gov  
Cc: Roberts, Caroline; K.C.Mitkevicius@nae02.usace.army.mil; Gouveia, Mark;  
paul.g.l'heureux@usace.army.mil; Robert.A.Leitch@usace.army.mil  
Subject: RE: NBH bathymetry... - Fox response - 2

Hi Dave,

Caroline has bathy for the upper harbor, which will be a conglomeration of the 1999 bathymetric survey, which has been updated with current bathymetric surveys as we have completed areas.

However, I do not believe that we have any bathy information south of the two bridges. Caroline, please correct me if I am wrong.

Thanks,

Steve

-----Original Message-----

From: dickerson.dave@epamail.epa.gov [mailto:dickerson.dave@epamail.epa.gov]  
Sent: Thursday, July 10, 2008 9:36 AM  
To: Fox, Steve (New Bedford); Gustavson.Karl@epamail.epa.gov  
Cc: Roberts, Caroline; K.C.Mitkevicius@nae02.usace.army.mil; Gouveia, Mark;  
paul.g.l'heureux@usace.army.mil; Robert.A.Leitch@usace.army.mil  
Subject: RE: NBH bathymetry... - Fox response

Steve - for this effort ERDC's interest will likely be the bathy for the entire upper and lower harbor; would Caroline be able to provide that data as well?

Corps folks - maybe your navigational dredging shop might have additional bathy beyond the Superfund dredging areas that we could make use of?

Let me know.

Thanks - Dave

"Fox, Steve  
\ (New Bedford\)"  
<Steve.Fox@jacob To  
s.com> Dave Dickerson/R1/USEPA/US@EPA,  
<paul.g.l'heureux@usace.army.mil>  
07/10/2008 07:35 ,  
AM <K.C.Mitkevicius@nae02.usace.army  
.mil>,  
<Robert.A.Leitch@usace.army.mil>  
cc  
"Gouveia, Mark"  
<Mark.Gouveia@jacobs.com>,  
"Roberts, Caroline"  
<Caroline.Roberts@Jacobs.com>  
Subject  
RE: NBH bathymetry... - Fox  
response

Hi Dave,

The best person for ERDC is Caroline Roberts. She will be able to provide ERDC the bathymetric data in any format that ERDC wants for any of the areas that we have dredged.

She has final bathymetry for all of the areas that we have dredged relative to NGVD 29 (vertical). Please feel free to have them e-mail her with requests for information/data and she will be glad to help them.

Thanks,

Steve

-----Original Message-----

From: dickerson.dave@epamail.epa.gov

[mailto:dickerson.dave@epamail.epa.gov]

Sent: Wednesday, July 09, 2008 10:22 PM

To: Fox, Steve (New Bedford); paul.g.l'heureux@usace.army.mil;

K.C.Mitkevicius@nae02.usace.army.mil; Robert.A.Leitch@usace.army.mil

Subject: Fw: NBH bathymetry...

All - who's the best POC for ERDC to deal with to get our bathy data? This is for the updated food chain modeling they are helping us with.

Thanks - Dave

----- Forwarded by Dave Dickerson/R1/USEPA/US on 07/09/2008 10:20 PM

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Karl

Gustavson/DC/USE

PA/US To

Dave Dickerson/R1/USEPA/US@EPA

07/09/2008 05:28 cc

PM

Subject

NBH bathymetry...

Hey Dave,

Who should I work with to get the detailed bathymetry over time at NBH?

Thanks,

Karl

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Karl Gustavson, Ph.D.  
Contaminated Sediment Liaison to US EPA  
US Army Engineer Research and Development Center  
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Fax: 703-603-9112

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